

SEQUENCE LISTING

SEQ ID NO: 1
SEQUENCE TYPE: Amino acid
SEQUENCE LENGTH: 9
TOPOLOGY: Linear
MOLECULE TYPE: Peptide
SEQUENCE
Xxx Glu Thr Ile Asn Xxx His Phe Lys
1 5 9

SEQ ID NO: 2
SEQUENCE TYPE: Amino acid
SEQUENCE LENGTH: 7
TOPOLOGY: Linear
MOLECULE TYPE: Peptide
SEQUENCE
Xxx Gln Xxx Ala Phe Thr Lys
1 5 7

SEQ ID NO: 3
SEQUENCE TYPE: Amino acid
SEQUENCE LENGTH: 19
TOPOLOGY: Linear
MOLECULE TYPE: Peptide
SEQUENCE
Val Glu Xxx Val Asp Phe Thr Asn His Leu Glu Asp Thr Xxx Xxx Asn
1 5 10 15
Ile Asn Lys
19

SEQ ID NO: 4
SEQUENCE TYPE: Amino acid
SEQUENCE LENGTH: 17
TOPOLOGY: Linear
MOLECULE TYPE: Peptide
SEQUENCE

Xxx Tyr Ile Glu Val Thr Glu Glu Gly Thr Glu Ala Xxx Ala
1 5 10 15
Ala Xxx Gly
17

SEQ ID NO: 5
SEQUENCE TYPE: Amino acid
SEQUENCE LENGTH: 9
TOPOLOGY: Linear
MOLECULE TYPE: Peptide
SEQUENCE
Xxx Tyr Leu Arg Ala Leu Gly Leu Lys
1 5 9

202002-244600F

SEQ ID NO: 6
SEQUENCE TYPE: Amino acid
SEQUENCE LENGTH: 20
TOPOLOGY: Linear
MOLECULE TYPE: Peptide
SEQUENCE
Ala Asp Leu Ser Gly Ile Ala Ser Gly Gly Arg Leu Tyr Ile Ser Arg
1 5 10 15
Met Xxx Gly Lys
20

SEQ ID NO: 7
SEQUENCE TYPE: Amino acid
SEQUENCE LENGTH: 5
TOPOLOGY: Linear
MOLECULE TYPE: Peptide
SEQUENCE
Leu Tyr Asp Ala Lys
1 5

SEQ ID NO: 8
SEQUENCE TYPE: Amino acid
SEQUENCE LENGTH: 5

TOPOLOGY: Linear
MOLECULE TYPE: Peptide
SEQUENCE
Asn Tyr Glu Met Lys
1 5

SEQ ID NO: 9
SEQUENCE TYPE: Amino acid
SEQUENCE LENGTH: 10
TOPOLOGY: Linear
MOLECULE TYPE: Peptide
SEQUENCE
Ala Val Ala Met Met His Gln Xxx Arg Lys
1 5 10

SEQ ID NO: 10
SEQUENCE TYPE: Nucleic acid
SEQUENCE LENGTH: 38
STRANDNESS: Single
TOPOLOGY: Linear
MOLECULE TYPE: Synthetic DNA
FEATURES: corresponding to amino acid sequence of SEQ ID NO: 3;
I is inosine.

SEQUENCE
GTIGARIIIIG TIGAYTTYAC IAAAYCAYYTI GARGAYAC 38

SEQ ID NO: 11
SEQUENCE TYPE: Nucleic acid
SEQUENCE LENGTH: 32
STRANDNESS: Single
TOPOLOGY: Linear
MOLECULE TYPE: Synthetic DNA
FEATURES: corresponding to amino acid sequence of SEQ ID NO: 4; I
is inosine.

SEQUENCE
TACATCGAIG TIACIGARGA RGGIACNGAR GC 32

SEQ ID NO: 12

SEQUENCE TYPE: Nucleic acid

SEQUENCE LENGTH: 37

STRANDNESS: Single

TOPOLOGY: Linear

MOLECULE TYPE: Synthetic DNA

FEATURES: Oligomer attached to 3'-RACE kit (Gibco BRL).

SEQUENCE

GGCCACGCGT CGACTAGTAC TTTTTTTTTT TTTTTTT

34

SEQ ID NO: 13

SEQUENCE TYPE: Nucleic acid

SEQUENCE LENGTH: 20

STRANDNESS: Single

TOPOLOGY: Linear

MOLECULE TYPE: Synthetic DNA

SEQUENCE

ATGTTGTGGG GACTGCTATA

20

SEQ ID NO: 14

SEQUENCE TYPE: Nucleic acid

SEQUENCE LENGTH: 23

STRANDNESS: Single

TOPOLOGY: Linear

MOLECULE TYPE: Synthetic DNA

SEQUENCE

CAAGGCGAAT GACCTCTAAG TAT

23

SEQ ID NO: 15

SEQUENCE TYPE: Nucleic acid

SEQUENCE LENGTH: 21

STRANDNESS: Single

TOPOLOGY: Linear

MOLECULE TYPE: Synthetic DNA

SEQUENCE

CCCCGAAGCA ATCCCAGAGA G

21

1006144-030002040000

SEQ ID NO: 16

SEQUENCE TYPE: Nucleic acid

SEQUENCE LENGTH: 21

STRANDNESS: Single

TOPOLOGY: Linear

MOLECULE TYPE: Synthetic DNA

SEQUENCE

CTCAGGCAGC AGAACGTACA T

21

SEQ ID NO: 17

SEQUENCE TYPE: Nucleic acid

SEQUENCE LENGTH: 21

STRANDNESS: Single

TOPOLOGY: Linear

MOLECULE TYPE: Synthetic DNA

SEQUENCE

GGCGACGACT CCTGGAGCCC G

21

SEQ ID NO: 18

SEQUENCE TYPE: Nucleic acid

SEQUENCE LENGTH: 22

STRANDNESS: Single

TOPOLOGY: Linear

MOLECULE TYPE: Synthetic DNA

SEQUENCE

GACACCAGAC CAACTGGTAA TG

22

SEQ ID NO: 19

SEQUENCE TYPE: Nucleic acid

SEQUENCE LENGTH: 36

STRANDNESS: Single

TOPOLOGY: Linear

MOLECULE TYPE: Synthetic DNA

SEQUENCE

CATCCGGGAG ATGTACAGCC GGCCGCCAGA GGCAAT

36

SEQ ID NO: 20

20091114 2244500T

SEQUENCE TYPE: Nucleic acid
SEQUENCE LENGTH: 21
STRANDNESS: Single
TOPOLOGY: Linear
MOLECULE TYPE: Synthetic DNA
SEQUENCE
GCTGTGGCCA TGATGCACCA G

21

SEQ ID NO: 21
SEQUENCE TYPE: Nucleic acid
SEQUENCE LENGTH: 24
STRANDNESS: Single
TOPOLOGY: Linear
MOLECULE TYPE: Synthetic DNA
SEQUENCE
TACCTGCGGG CCCTGGGCCT GAAG

24

SEQ ID NO: 22
SEQUENCE TYPE: Nucleic acid
SEQUENCE LENGTH: 51
STRANDNESS: Single
TOPOLOGY: Linear
MOLECULE TYPE: Synthetic DNA
SEQUENCE
CATCCGGGAG ATGTACAGCC GGCCGCCAGA GGCAATGCCA GACAGGTCAG C

51

SEQ ID NO: 23
SEQUENCE TYPE: Nucleic acid
SEQUENCE LENGTH: 17
STRANDNESS: Single
TOPOLOGY: Linear
MOLECULE TYPE: Synthetic DNA
SEQUENCE
GTTTTCCCAG TCACGAC

17

SEQ ID NO: 24
SEQUENCE TYPE: Nucleic acid

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17

20

20

21

SEQUENCE LENGTH: 21

STRANDNESS: Single
 TOPOLOGY: Linear
 MOLECULE TYPE: Synthetic DNA
 SEQUENCE
 CTGATGCATC ATGGCGACTG C

21

SEQ ID NO: 29
 SEQUENCE TYPE: Nucleic acid
 SEQUENCE LENGTH: 21
 STRANDNESS: Single
 TOPOLOGY: Linear
 MOLECULE TYPE: Synthetic DNA
 SEQUENCE
 AGCATTCACC AGCACCATTA C

21

SEQUENCE ID NO: 30
 SEQUENCE TYPE: Nucleic acid
 SEQUENCE LENGTH: 1950
 STRANDNESS: Double
 TOPOLOGY: Linear
 MOLECULE TYPE: complimentary DNA (cDNA)
 ORIGINAL SOURCE: Human
 IMMEDIATE SOURCE: A431
 FEATURE: DNA coding for human megakaryocyte differentiation factor

SEQUENCE
 GGCACGAGAG GAACTGAAGC CCAGCTGTGA AGGCCGCAGA CTGCAGTGAG 50
 AGGAGGCTGC ACTCCATTTT GCA ATG GCC TCC CTT GCT GCA GCA AAT 97
 Met Ala Ser Leu Ala Ala Ala Asn
 1 5
 GCA GAG TTT TGC TTC AAC CTG TTC AGA GAG ATG GAT GAC AAT CAA 142
 Ala Glu Phe Cys Phe Asn Leu Phe Arg Glu Met Asp Asp Asn Gln
 10 15 20
 GGA AAT GGA AAT GTG TTC TTT TCC TCT CTG AGC CTC TTC GCT GCC 187
 Gly Asn Gly Asn Val Phe Phe Ser Ser Leu Ser Leu Phe Ala Ala
 25 30 35
 CTG GCC CTG GTC CGC TTG GGC GCT CAA GAT GAC TCC CTC TCT CAG 232

10091442.030702

Leu	Ala	Leu	Val	Arg	Leu	Gly	Ala	Gln	Asp	Asp	Ser	Leu	Ser	Gln		
40						45					50					
ATT	GAT	AAG	TTG	CTT	CAT	GTT	AAC	ACT	GCC	TCA	GGA	TAT	GGA	AAC	277	
Ile	Asp	Lys	Leu	Leu	His	Val	Asn	Thr	Ala	Ser	Gly	Tyr	Gly	Asn		
55						60					65					
TCT	TCT	AAT	AGT	CAG	TCA	GGG	CTC	CAG	TCT	CAA	CTG	AAA	AGA	GTT	322	
Ser	Ser	Asn	Ser	Gln	Ser	Gly	Leu	Gln	Ser	Gln	Leu	Lys	Arg	Val		
70						75					80					
TTT	TCT	GAT	ATA	AAT	GCA	TCC	CAC	AAG	GAT	TAT	GAT	CTC	AGC	ATT	367	
Phe	Ser	Asp	Ile	Asn	Ala	Ser	His	Lys	Asp	Tyr	Asp	Leu	Ser	Ile		
85						90					95					
GTG	AAT	GGG	CTT	TTT	GCT	GAA	AAA	GTG	TAT	GGC	TTT	CAT	AAG	GAC	412	
Val	Asn	Gly	Leu	Phe	Ala	Glu	Lys	Val	Tyr	Gly	Phe	His	Lys	Asp		
100						105					110					
TAC	ATT	GAG	TGT	GCC	GAA	AAA	TTA	TAC	GAT	GCC	AAA	GTG	GAG	CGA	457	
Tyr	Ile	Glu	Cys	Ala	Glu	Lys	Leu	Tyr	Asp	Ala	Lys	Val	Glu	Arg		
115						120					125					
GTT	GAC	TTT	ACG	AAT	CAT	TTA	GAA	GAC	ACT	AGA	CGT	AAT	ATT	AAT	502	
Val	Asp	Phe	Thr	Asn	His	Leu	Glu	Asp	Thr	Arg	Arg	Asn	Ile	Asn		
130						135					140					
AAG	TGG	GTT	GAA	AAT	GAA	ACA	CAT	GGC	AAA	ATC	AAG	AAC	GTG	ATT	547	
Lys	Trp	Val	Glu	Asn	Glu	Thr	His	Gly	Lys	Ile	Lys	Asn	Val	Ile		
145						150					155					
GGT	GAA	GGT	GGC	ATA	AGC	TCA	TCT	GCT	GTA	ATG	GTG	CTG	GTG	AAT	592	
Gly	Glu	Gly	Gly	Ile	Ser	Ser	Ser	Ala	Val	Met	Val	Leu	Val	Asn		
160						165					170					
GCT	GTG	TAC	TTC	AAA	GGC	AAG	TGG	CAA	TCA	GCC	TTC	ACC	AAG	AGC	637	
Ala	Val	Tyr	Phe	Lys	Gly	Lys	Trp	Gln	Ser	Ala	Phe	Thr	Lys	Ser		
175						180					185					
GAA	ACC	ATA	AAT	TGC	CAT	TTC	AAA	TCT	CCC	AAG	TGC	TCT	GGG	AAG	682	
Glu	Thr	Ile	Asn	Cys	His	Phe	Lys	Ser	Pro	Lys	Cys	Ser	Gly	Lys		
190						195					200					
GCA	GTC	GCC	ATG	ATG	CAT	CAG	GAA	CGG	AAG	TTC	AAT	TTG	TCT	GTT	727	
Ala	Val	Ala	Met	Met	His	Gln	Glu	Arg	Lys	Phe	Asn	Leu	Ser	Val		
205						210					215					
ATT	GAG	GAC	CCA	TCA	ATG	AAG	ATT	CTT	GAG	CTC	AGA	TAC	AAT	GGT	772	

Ile Glu Asp Pro Ser Met Lys	Ile Leu Glu Leu Arg Tyr Asn Gly	
220	225	230
GGC ATA AAC ATG TAC GTT CTG	CTG CCT GAG AAT GAC CTC TCT GAA	817
Gly Ile Asn Met Tyr Val Leu	Leu Pro Glu Asn Asp Leu Ser Glu	
235	240	245
ATT GAA AAC AAA CTG ACC TTT	CAG AAT CTA ATG GAA TGG ACC AAT	862
Ile Glu Asn Lys Leu Thr Phe	Gln Asn Leu Met Glu Trp Thr Asn	
250	255	260
CCA AGG CGA ATG ACC TCT AAG	TAT GTT GAG GTA TTT TTT CCT CAG	907
Pro Arg Arg Met Thr Ser Lys	Tyr Val Glu Val Phe Phe Pro Gln	
265	270	275
TTC AAG ATA GAG AAG AAT TAT	GAA ATG AAA CAA TAT TTG AGA GCC	952
Phe Lys Ile Glu Lys Asn Tyr	Glu Met Lys Gln Tyr Leu Arg Ala	
280	285	290
CTA GGG CTG AAA GAT ATC TTT	GAT GAA TCC AAA GCA GAT CTC TCT	997
Leu Gly Leu Lys Asp Ile Phe	Asp Glu Ser Lys Ala Asp Leu Ser	
295	300	305
GGG ATT GCT TCG GGG GGT CGT	CTG TAT ATA TCA AGG ATG ATG CAC	1042
Gly Ile Ala Ser Gly Gly Arg	Leu Tyr Ile Ser Arg Met Met His	
310	315	320
AAA TCT TAC ATA GAG GTC ACT	GAG GAG GGC ACC GAG GCT ACT GCT	1087
Lys Ser Tyr Ile Glu Val Thr	Glu Glu Gly Thr Glu Ala Thr Ala	
325	330	335
GCC ACA GGA AGT AAT ATT GTA	GAA AAG CAA CTC CCT CAG TCC ACG	1132
Ala Thr Gly Ser Asn Ile Val	Glu Lys Gln Leu Pro Gln Ser Thr	
340	345	350
CTG TTT AGA GCT GAC CAC CCA	TTC CTA TTT GTT ATC AGG AAG GAT	1177
Leu Phe Arg Ala Asp His Pro	Phe Leu Phe Val Ile Arg Lys Asp	
355	360	365
GAC ATC ATC TTA TTC AGT GGC	AAA GTT TCT TGC CCT TGA	1216
Asp Ile Ile Leu Phe Ser Gly	Lys Val Ser Cys Pro ...	
370	375	380
AAATCCAATT GGTTTCTGTT ATAGCAGTCC	CCACAACATC AAAGAACCAC	1266
CACAAGTCAA TAGATTTGAG TTTAATTGGA	AAAATGTGGT GTTTCCTTTG	1316
AGTTTATTTTTC TTCCTAACAT TGGTCAGCAG	ATGACACTGG TGA CTGACC	1366
CTTCCTAGAC ACCTGGTTGA TTGTCCTGAT	CCCTGCTCTT AGCATTTCTAC	1416
CACCATGTGT CTCACCCATT TCTAATTTCA	TTGTCTTTCT TCCCACGCTC	1466

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ATTTCTATCA	TTCTCCCCCA	TGACCCGTCT	GGAAATTATG	GAGAGTGCTC	1516
AACTGGTAAG	GAGAACGTAG	AAGTAGCCCT	AGGGATCCTT	TTTGAAACTC	1566
TACAGTTATC	GCAGATATTC	TAGCTTCATT	GTAAGCAATC	TAGGAAATAA	1616
GCCCTGCTGC	TTTCTAGAAA	TAAGTGTGAA	GGATAAATTT	TCTTTGTTGA	1666
CCTATGAAGA	TTTTAGAGTT	TACCTTCATA	TGTTTGATTT	TAAATCAGTG	1716
TATAATCTAG	ATGGTAAAAA	ATGTGAAATT	GGGATTAGGG	ACCAACCAAA	1766
ATATTTTCATT	AATGCTTTCA	ATTGACAAAT	TTTGGTCTTT	CTTTGATAAG	1816
ACAATATGTA	CATAGTTTTT	TCAAATATTA	AAGATCTTTT	AACTGTTGGC	1866
AGTTGTTATC	TACAGAATCA	TATCTCATAT	GCTGTGTAGT	TTATAAGTTT	1916
TTTCTCTATT	TATCAGAATA	AAGAAATACA	ACAT		1950

SEQ ID NO: 31

SEQUENCE TYPE: Nucleic acid

SEQUENCE LENGTH: 20

STRANDNESS: Single

TOPOLOGY: Linear

MOLECULE TYPE: Synthetic DNA

ORIGINAL SOURCE: Human

FEATURES: 5'-non-translation region

SEQUENCE

AACTGAAGCC CAGCTGTGAA 20

SEQ ID NO: 32

SEQUENCE TYPE: Nucleic acid

SEQUENCE LENGTH: 37

STRANDNESS: Single

TOPOLOGY: Linear

MOLECULE TYPE: Synthetic DNA

SEQUENCE

CTCGAATTCG CGATGGCCTC CCTTGCTGCA GCAAATG 37

SEQ ID NO: 33

SEQUENCE TYPE: Nucleic acid

SEQUENCE LENGTH: 49

STRANDNESS: Single

TOPOLOGY: Linear

MOLECULE TYPE: Synthetic DNA

SEQUENCE

GGGAATTCGC GGCCGCGTGG TGGTTCTTTG ATGTTGTGGG GACTGCTAT

49

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